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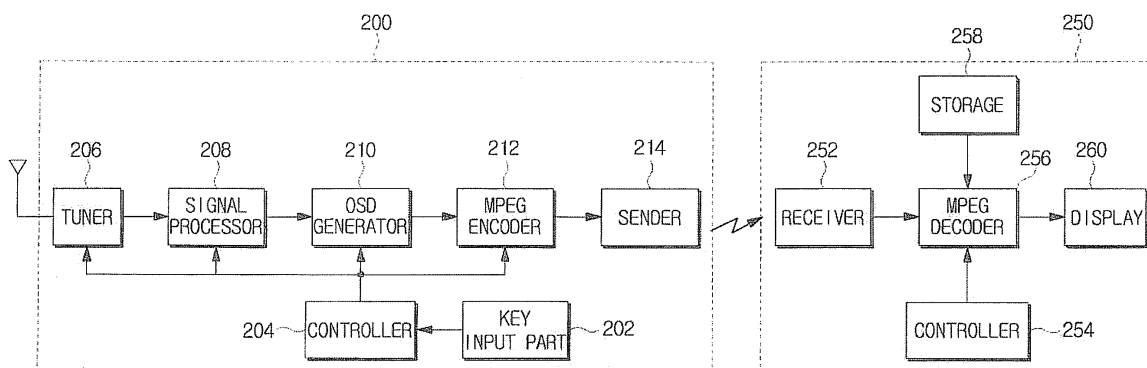
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(54) **Image displaying method and display apparatus using the same**

(57) An image displaying method and a display apparatus using the same are provided. A broadcast forwarding device processes OSD. In a poor reception state of a broadcasting signal received from the broadcast forwarding device, the display apparatus displays an image

informing of the bad reception state. The display apparatus displays the stored image including a guidance message through the decoding, rather than the OSD. Accordingly, even without a component for generating the OSD, the display apparatus can show the necessary message to a user.

FIG. 2





EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2006/038923 A1 (DINWIDDIE AARON H [US]) 23 February 2006 (2006-02-23)	1-5,7-11	INV. H04N5/44
Y	* line 25-31 of ; paragraph [0024] * * paragraphs [0029], [0035], [0036] * * figures 2-5 *	6,12-15	H04N5/50
X	US 2006/015910 A1 (ONOMATSU TAKEHIRO [JP] ET AL) 19 January 2006 (2006-01-19) * paragraph [0032]; claim 1; figure 6 *	1-5,7-11	
Y	US 2005/289633 A1 (DOW LEO F III [US] DOW III LEO F [US]) 29 December 2005 (2005-12-29) * paragraph [2 14 23 29]; figure 1 2 *	6,12-15	
X	US 4 837 623 A (MOTOYAMA TSUTOMU [US]) 6 June 1989 (1989-06-06) * abstract *	1,7	
			TECHNICAL FIELDS SEARCHED (IPC)
			H04N
The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of the search 21 May 2010	Examiner Bernas, Yves
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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21-05-2010

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2006038923 A1	23-02-2006	NONE	
US 2006015910 A1	19-01-2006	JP 2006025322 A	26-01-2006
US 2005289633 A1	29-12-2005	NONE	
US 4837623 A	06-06-1989	NONE	